

Consumer Product Safety Commission

§ 1211.5

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AUTHORITY: Sec. 203, Pub. L. 101-608, 104 Stat. 3110; Secs. 14 and 16, 15 U.S.C. 2063 and 2065.

Subpart A—The Standard

SOURCE: 57 FR 60455, Dec. 21, 1992, unless otherwise noted.

§ 1211.1 Effective date.

This standard applies to all residential garage door operators manufactured on or after January 1, 1993 for sale in the United States.

§ 1211.2 Definition.

As used in this part 1211: “Residential garage door operator” means a vehicular door operator which:

- (a) Serves a residential building of one to four single family units;
- (b) Is rated 600 volts or less; and
- (c) Is intended to be employed in ordinary locations in accordance with the National Electrical Code, NFPA 70, 1993 edition. This incorporation by reference was approved by the Director of the Federal Register in accordance with U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from the National Fire Protection Association, 1 Batterymarch Park, Quincy, Mass. 02269-9101, tel. 1-800-344-3555. Copies may be inspected at the Consumer Product Safety Commission, Office of the Secretary, 5401 Westbard Avenue, Bethesda, Maryland or at the Office of

the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

§ 1211.3 Units of measurement.

If a value for measurement as given in these requirements is followed by an equivalent value in other units, in parentheses, the second value may be only approximate. The first stated value is the requirement.

§ 1211.4 General requirements for protection against risk of injury.

(a) If an automatically reset protective device is employed, automatic restarting of a motor shall not result in a risk of injury to persons.

(b) A residential garage door operator is considered to comply with the requirement in paragraph (a) of this section if some means is provided to prevent the motor from restarting when the protector closes.

(c) An electronic or solid-state circuit that performs a back-up, limiting, or other function intended to reduce the risk of fire, electric shock, or injury to persons, including entrapment protection circuits, shall comply with the requirements in the Standard for Tests for Safety-Related Controls Employing Solid-State Devices, UL 991, 1st ed., dated July 19, 1991, including environmental and stress tests appropriate to the intended usage of the end-product. This incorporation by reference was approved by the Director of the Federal Register in accordance with U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from Underwriters Laboratories, Inc., 333 Pfingsten Road, Northbrook, Ill. 60062-2096. Copies may be inspected at the Consumer Product Safety Commission, Office of the Secretary, 5401 Westbard Avenue, Bethesda, Maryland or at the Office of the Federal Register, 800 North Capitol Street, NW, suite 700, Washington, DC.

§ 1211.5 General testing parameters.

(a) The following test parameters are to be used in the investigation of the circuit covered by § 1211.4(c) for compliance with the Standard for Tests for Safety-Related Controls Employing Solid-State Devices, UL 991, 1st ed., dated July 19, 1991, as incorporated by reference in paragraph (b)(3) of this section: